Altos G700

acer
Empowering People

A firm foundation

Altos G700

The most successful businesses are built on firm business principles; the most reliable networks are built on the foundation of dependable servers. Comprehensive management, proven technologies and awesome power are combined in the Acer Altos G700 to provide a firm foundation on which to build your business network. With an eye to the future, the Acer Altos G700 is equipped with 64-bit PCI-X slots, gigabit-LAN, and up to eight HDD bays, ensuring that your investment today will continue to show results as your company expands into the future.

A firm foundation

System Features

- **Dual Intel® Xeon™ processors for excellent performance and scalability on multi-threaded applications.**
- **Up to 6GB of ECC DDR-SDRAM with two-way memory interleaving technology for superb performance and stability.**
- **Chipkill technology protects your important data from loss due to multi-bit errors.**
- **The 64-bit PCI-X interface ensures that you will be able to adopt the latest server technologies.**
- **EasyPCI tool for quick and easy PCI card management.**
- **Easy installation and comprehensive system management tools make the Altos G700 the ideal network cornerstone.**
- **Built-in 2-channel SCSI and optional SCSI RAID offer users unparalleled data security and speed.**
- **Eight removable, hot-swappable HDD trays allow upgrading of storage drives without the need to open the chassis.**
- **Integrated gigabit-LAN means you're ready for the next LAN-generation.**
- **The warning LED on the front of the case indicates possible system hiccups.**
- **LEDs on the power supplies indicate power status.**
- **Hot-swappable and redundant power supplies ensure you won't be left in the dark in the event of a power failure.**

Building business

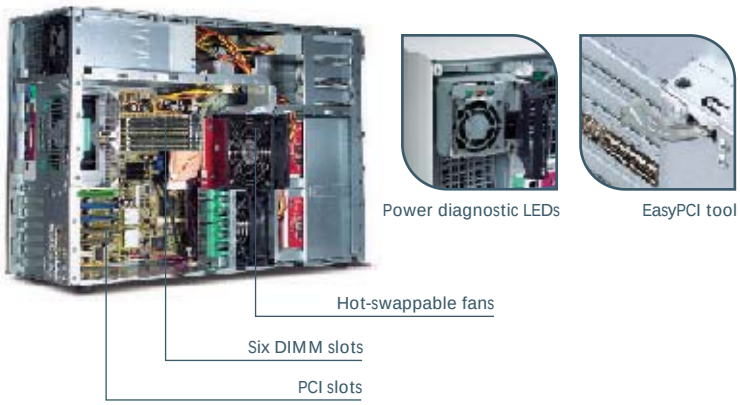
As your business expands, you're going to need more space and the flexibility to adapt to change. With up to eight internal hard disc drives the Acer Altos G700 provides plenty of room to grow. And with an optional SCSI RAID card, you can easily add an external storage unit such as the Acer Altos S300, or construct a cluster of Altos G700 servers to support all your business needs.

For added data security, an optional SCSI RAID card can be installed using the PCI slots to provide even faster and more secure data transfer, and the hot-swappable HDD trays mean that you can remove and replace a hard disc without having to power down the system.

Building relationships

In business, as in life, relationships are built on trust: trusting that your server will perform when you need it to. The Acer Altos G700 is designed with precisely this in mind, incorporating an array of reliability-enhancing features. With up to 6GB of DDR266 ECC RAM, large amounts of data can be stored in the RAM, while Chipkill technology ensures that this data is protected from being lost through multi-bit errors.

Adding to your reputation, the hot-swappable HDDs, fans and power supplies mean that your Altos G700 is as reliable as your customers expect you to be.



Building success

The best way to succeed is to consistently perform well – a characteristic we have built into the Acer Altos G700. Starting with the strength and efficiency of dual Intel® Xeon™ processors, we also included six DIMMs for up to 6GB of memory, and Chipkill technology to give you blisteringly fast processing speed, as well as superior data security.

By incorporating integrated gigabit-LAN, you can be confident that you are building your network around the newest technologies, and that when gigabit-LAN arrives in your office, you'll be ready to benefit from it. Of course all buildings need plans for expansion, and that's why your Altos G700 comes with four 64-bit PCI-X slots, one standard 64-bit PCI slot and a 32-bit PCI slot, while the EasyPCI tool makes changing your PCI cards simple.

Building knowledge

The key to making your business work well is knowledge – of your business, your customers, and the reliability of your server. Maintaining your server is made so much simpler by having the tools that tell you what is happening now, and what has happened in the past. The Altos G700 includes management tools to help you easily understand these issues. A warning LED in the front of the case gives you a quick indication if something isn't quite right, while Acer's innovative Acer Server Manager software keeps an eye on your system's performance. Acer also supplies Remote Diagnostic Manager software to increase your flexibility, so you can manage your server from any PC that has Internet access.

Finally, the power supply unit is equipped with diagnostic LEDs, ensuring that even during unexpected power interruptions you're always in the know.

Altos G700

Specifications

Main Board

Processor	· Up to two Intel® Xeon™ processors from 1.80GHz to 2.40GHz or above · 400MHz Front Side Bus (FSB)
Chipset	ServerWorks® GC-LE
VGA	ATi Rage XL integrated with 4MB of VRAM
Memory	· 6x DDR266 registered ECC SDRAM DIMM slots · 128MB to 1.0GB DIMMs supported for 6GB maximum
Expansion Slots	· 2 x 64-bit/133MHz PCI-X slots · 2 x 64-bit/100MHz PCI-X slots · 1 x 64-bit/66MHz PCI slot · 1 x 32-bit/33MHz PCI slot
On board I/O Connectors	· 1 x PS/2 keyboard · 1 x PS/2 mouse port · 2 x 9-pin serial ports · 1 x 25-pin parallel port · 2 x USB ports · 2 x Ethernet ports (RJ45) · 1 x VGA video port
SCSI controller	Adaptec 7899W (2-channel, Ultra160 SCSI)
RAID support	Add on SCSI RAID card
LAN Controller	Integrated Gigabit Ethernet on board with load balancing and fault tolerance supported
Security Features	· Altos EasyDiagnostics - External warning LED - Power diagnostic LED · Door intrusion alert · Lockable door

Sub-systems availability

System Power Supply Options	450W 100V–240V hot-swappable/redundant power supplies (optional)
Cooling System	3 x System fans (including 2 hot-swappable fans)

Storage Subsystem

Floppy Disk Drive	1 x 3.5", 1.44MB IDE FDD
Optical Drive	1 x high speed IDE CD-ROM
Hot-swappable Storage	8 x 1" hot-swappable HDDs, up to 73GB per HDD with Max. of 584GB capacity

Peripherals

Acer monitor, PS/2 keyboard and mouse

Chassis

Form Factor	· Tower · 5U rack-mountable
Dimensions	· 425mm(H) x 216mm(W) x 670mm(D) · 5U height
Weight*	28Kg

Regulatory Compliance

Safety	UL/CUL, CB, TUV/GS, CE
EMI	FCC Class B, CE-Mark, BSMI, CCC

Server Management Utilities and Applications

· Acer EasyBUILD™
· Acer Server Manager (ASM)
· Acer Remote Diagnostic Manager (RDM)

Operating System Support

· Microsoft® Windows® 2000 Server
· Microsoft® Windows® 2000 Advanced Server
· Novell® NetWare® 6.0
· Red Hat® Linux 7.2

Options and Accessories

· 128MB, 256MB, 512MB, and 1GB DDR266 registered ECC SDRAM DIMMs
· 18GB, 36GB, 73GB Ultra160 SCSI hard discs (10,000rpm) hot swappable with 80-pin connectors
· 2-channel Ultra 160 SCSI card
· 2-channel Ultra 160 SCSI RAID card
· 4-channel Ultra 160 SCSI RAID card
· DDS4 DAT 20/40GB internal drive
· DLT 40/80GB internal half height
· LTO Ultrium 1 100/200GB internal full height
· 10/100/1000 Ethernet server adapter**
· External 56K modem
· Altos S300 SCSI storage expansion kit
· 450W redundant power supply module
· Altos G700 rackmount kit

Intel® PRO Network Connections

© 2002 Acer Inc. All rights reserved. Acer and the Acer logo are registered trademarks and Altos is a trademark of Acer Inc. Other trademarks, registered trademarks and/or service marks, indicated or otherwise, are the properties of their respective owners.

In a continuing effort to improve the quality of our products, information in this brochure is subject to change without notice. Images appearing are only representations of some of the configurations available for this model. Availability may vary depending on region.

* System weight will vary according to configuration. The weight quoted is for a typical configuration.

** Intel® 82540EM Gigabit Ethernet Controller is a high-performance gigabit connection for desktop use. Footprint compatibility with Intel's latest 10/100 connections allows for flexible designs. Reduced power usage and heat generation for lower system costs, enhanced manageability and system health monitoring with ASF 1.0 and SMBus 2.0.

ZAA.G700.D1E/JUL. '02

World Headquarters

Acer Incorporated
Tel: 886-2-2696-1234
Fax: 886-2-2696-3535
www.acer.com

Regional Headquarters

Australia
Acer Computer Australia Pty. Ltd.
Tel: 612-8762-3000
Fax: 612-9764-2368
www.acer.com.au

Dubai, UAE
Acer Computer (M.E.) Ltd.
Tel: 971-4-881-3111
Fax: 971-4-8812200
www.acer.co.ae

Hong Kong
Acer Computer (Far East) Ltd.
Tel: 852-2528-0233
Fax: 852-2861-3758
www.acer.com.hk

Italy
Acer Europe
Tel: 39-039-6842-1
Fax: 39-039-65-22-06
www.acer.euro.com

Japan
Acer Japan Corporation
Tel: 8148-290-1121
Fax: 8148-290-1817
www.acer.co.jp

Mainland China
Acer Market Services Ltd.
Tel: 86-10-6847-2233
Fax: 86-10-6847-1101
www.acer.com.cn

Malaysia
Acer Sales & Services Sdn. Bhd.
Tel: 603-2612-1388
Fax: 603-2162-4949
www.acer.com.my

Mexico
Acer Computec Latino America S.A. de C.V.
Tel: 525-627-9400
Fax: 525-627-9401
www.acer.com.mx

Miami, Florida
Acer Latin America, Inc.
Tel: 305-392-7000
Fax: 305-477-5963
www.acla.acer.com

Taiwan
Acer Incorporated
Tel: 886-2-2696-3131
Fax: 886-2-2696-3535
www.acer.com.tw

USA
Acer America Corporation
Tel: 1-408-432-6200
Fax: 1-408-922-2933
www.acer.com/us

About Acer

Established in 1976, Acer is among the world's top ten branded PC vendors. Acer employs marketing and service operations across Asia-Pacific, Europe, the Middle East, and the Americas, supporting dealers and distributors in over 100 nations. In addition to offering a broad spectrum of IT services, Acer is also a leading innovator of e-business, providing MegaMicro e-enabling solutions that combine IT products with a range of Micro services delivered via Acer's Mega infrastructure. For more information about Acer, please visit our website at **www.acer.com.**

acer Empowering People